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Bibliographic data: JP 2002518318 (T)

PROCESSES TO GENERATE SUBMICRON PARTICLES OF WATER-INSOLUBLE COMPOUNDS

Publication date: 2002-06-25

Inventor(s):

Applicant(s):

Classification:

- **international:** **A61K31/216; A61K31/57; A61K38/00; A61K47/24; A61K47/34; A61K9/10; A61K9/14; A61K9/16; A61K9/51; B01F3/12; B01J3/00;** (IPC1-7): A61K31/216; A61K31/57; A61K38/00; A61K47/24; A61K47/34; A61K9/14; A61K9/16; A61K9/51
- **European:** A61K9/10; A61K9/14; A61K9/14H4; A61K9/14H6; A61K9/16P2; B01F3/12B2; B01J3/00S

Application number: JP20000554349T 19990618

Priority number (s): US19980089852P 19980619; WO1999US13755 19990618

Also published as:

- WO 9965469 (A2)
- WO 9965469 (A3)
- SE 0004620 (A)
- SE 0004620 (L)
- SE 521255 (C2)
- more

Abstract not available for JP 2002518318 (T)

Abstract of corresponding document: WO 9965469 (A2)

Submicron particles of water-insoluble compounds, particularly drugs, are prepared by simultaneously stabilizing microparticulate suspensions of same with surface modifier molecules by rapid expansion into an aqueous medium from a compressed solution of the compound and surface modifiers in a liquefied gas and optionally homogenizing the aqueous suspension thus formed with a high pressure homogenizer.

Last updated: 26.04.2011 Worldwide Database 5.7.22; 93p